

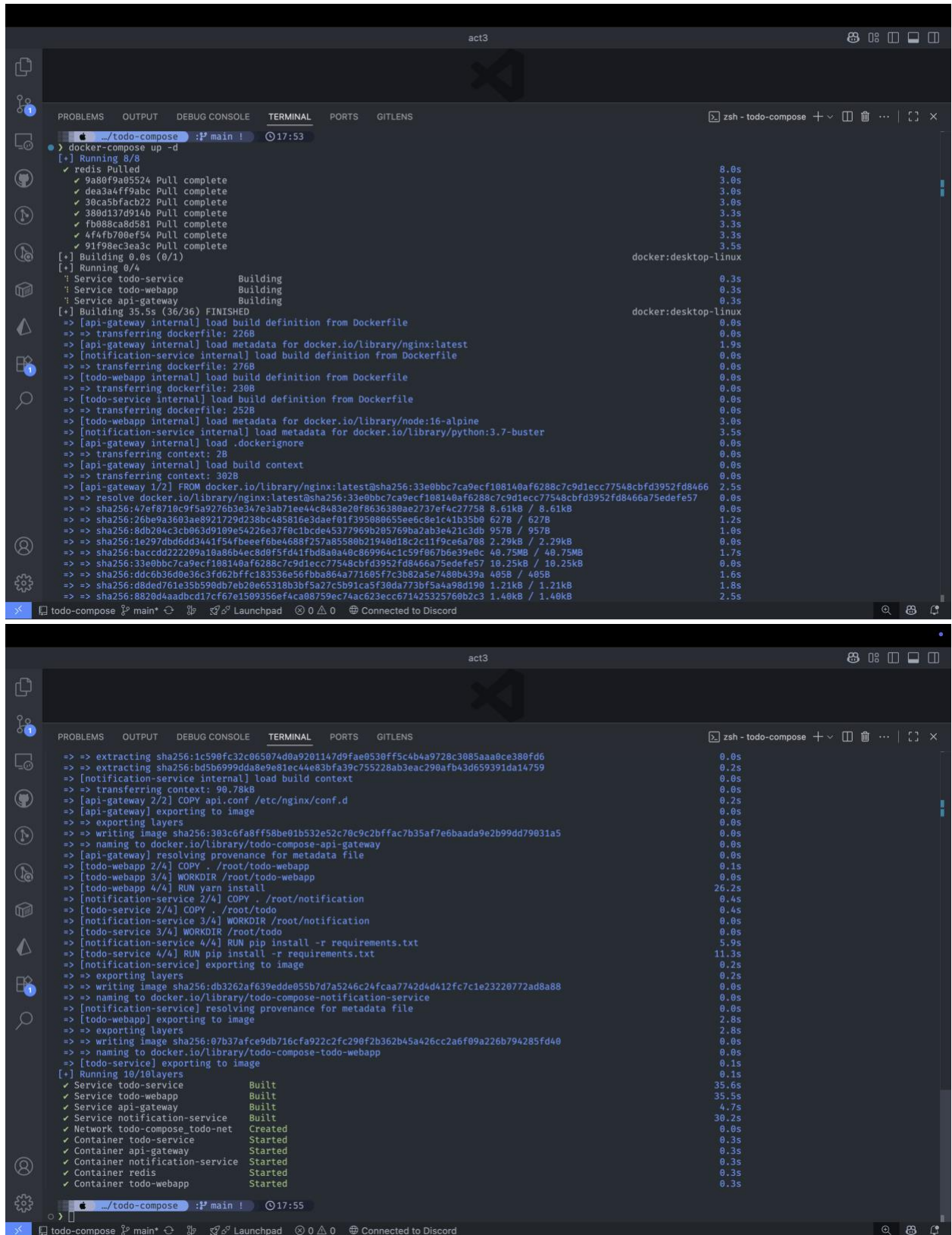
### Activity 3

#### a. Your docker-compose.yml

```
services:

  todo-webapp:
    build: ../todo-webapp
    container_name: todo-webapp
    stdin_open: true
    ports:
      - 3000:3000
    networks:
      - todo-net
  todo-service:
    build: ../todo
    container_name: todo-service
    environment:
      REDIS_HOST: redis
      NOTIFICATION_HOST: notification-service
    networks:
      - todo-net
  notification-service:
    build: ../todo-notification
    container_name: notification-service
    environment:
      REDIS_HOST: redis
    networks:
      - todo-net
  api-gateway:
    build: ../nginx
    container_name: api-gateway
    ports:
      - 8000:8000
    networks:
      - todo-net
  redis:
    image: "redis"
    container_name: redis
    networks:
      - todo-net
networks:
  todo-net: {}
```

b. Screenshot when you run docker-compose up



c. Screenshot after all containers are running and you use command: docker ps -a

```

.../todo-compose :P main ! 17:56
> docker ps -a
CONTAINER ID   IMAGE                                NAMES                                COMMAND                                CREATED        STATUS        PORTS
bc720c644b81   redis                               redis                                "docker-entrypoint.s..." About a minute Up About a minute 6379/tcp
4938d4ae4146   todo-compose-todo-service          todo-service                        "/bin/sh -c 'python ..." About a minute Up About a minute 8000/tcp
9fb92032665f   todo-compose-api-gateway           api-gateway                        "/docker-entrypoint..." About a minute Up About a minute 80/tcp, 0
6df4c65e1981   todo-compose-notification-service  notification-service               "/bin/sh -c 'python ..." About a minute Up About a minute 9000/tcp
8901b0cce8cf   todo-compose-todo-webapp           todo-webapp                        "docker-entrypoint.s..." About a minute Up About a minute 0.0.0.0:3
000->3000/tcp

```

d. Screenshot of browser connectNg to todo-webapp with some todo items

## Uber To Do

5 (Sun Sep 07 2025 18:03:00 GMT+0700 (Indochina Time))

**TODO #1**

**TODO #2**

**TODO #3**

**WAIT, Did I just...**

**Does todo-webapp**

**TODO #1**

Create api.conf

Sun Sep 07 2025 17:58:28 GMT+0700 (Indochina Time)

**TODO #2**

Create nginx/Dockerfile

Sun Sep 07 2025 17:58:45 GMT+0700 (Indochina Time)

**TODO #3**

☒ docker-compose up

Sun Sep 07 2025 17:59:04 GMT+0700 (Indochina Time)

**WAIT, Did I just...**

☒ complete TODO #3 before #1 and #2 ?

Sun Sep 07 2025 18:00:19 GMT+0700 (Indochina Time)

**Does todo-webapp**

has delete button?

Sun Sep 07 2025 18:00:57 GMT+0700 (Indochina Time)

Add

## Uber To Do

0 (Thu Jan 01 1970 07:00:00 GMT+0700 (Indochina Time))

**TODO #1**

Create api.conf

Sun Sep 07 2025 17:58:28 GMT+0700 (Indochina Time)

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Add